

LECKEY®

Pronestander

USER MANUAL





The Leckey Pronestander has been designed to promote weight bearing and mid line symmetry. This manual shows you how you can quickly and easily make use of all the functions. The instructions on the safety and maintenance of the product will ensure that you will enjoy the use of this product for a long time.

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1 Intended Use

The Leckey Pronestander has been designed for use at home or school. The range of prone angles available allow the gradual increases of weight bearing as tolerance increases. The Leckey Pronestander is intended for children with disabilities such as cerebral palsy from the ages 1-17 years. Standing can help the normal development of the hips, it will help promote muscle formation, and can help provide psychological well being.

2 Declaration of Conformity

James Leckey Design Ltd. as manufacturer with sole responsibility declares that the Leckey Freestander conforms to the requirements of the 93/42/ EEC Guidelines and EN12182 Technical aids for disabled persons. General requirements and test methods.

3 Terms of Warranty

The warranty applies only when the product is used according to the specified conditions and for the intended purposes, following all manufacturers' recommendations (also see general terms of sales, delivery and payment). A two year warranty is provided on all Leckey manufactured products and components.

4 Product History Record

Your Leckey product is classified as a Class 1 Medical device and as such should only be prescribed, set up or reissued for use by a technically competent person who has been trained in the use of this product. Leckey recommend that a written record is maintained to provide details of all setups, reissue inspections and annual inspections of this product.

5 Product Training Record (Parents, Teachers & Carers)

Your Leckey product is a prescribed Class 1 Medical Device and as such Leckey recommend that parents, teachers and carers using the equipment should be made aware of the following sections of this user manual by a technically competent person:

Section 6

Safety Information

Section 9

Frequent Adjustments for Daily use

Section 11

Daily Product Inspection

Leckey recommend that a written record is maintained of all those who have been trained in the correct use of this product.

6 Safety information



6.1 Always read instructions fully before use.



6.2 To improve safety we recommend that users should not be left unattended at any time whilst using Leckey equipment.



6.3 Only use Leckey approved components with your product. Never modify the product in any way. Failure to follow instructions may put the user or carer at risk and will invalidate the warranty on the product.



6.4 If in any doubt to the continued safe use of your product or if any parts should fail, please cease using the product and contact our customer services department or local dealer as soon as possible.



6.5 We would recommend that users are never transferred straight from seating to standing without preparation and stretching. This is best done whilst lying on a mat but can be carried out in a wheelchair or seating system if required.



6.6 Carry out all positional adjustments and ensure that they are securely fastened before you put the user into this product.



6.7 When placing the user into a standing frame, for safety reasons, always secure the pelvic band first. The chest and knee straps should then be fastened.



6.8 When the product is stationary ensure that all castors are locked and facing away from the base as this will improve product stability.



6.9 Never adjust either the angle of the Pronestander or overall height of the chestplate while the frame is in use. Other finer positional adjustments may be carried out safely when the user is in the frame.



6.10 Never leave the product on a sloping surface, greater than 5 degrees. Always remember to lock all the castors.



6.11 The product contains components which could present a choking hazard to small children. Always check that locking knobs and bolts within the child's reach are tightened and secure at all times.



6.12 Leckey products comply with fire safety regulations in accordance with EN12182. However the product contains plastic components and therefore should be kept away from all direct sources of heat including naked flames, cigarettes, electric and gas heaters.



6.13 Do not place hot items on the tray greater than 40 degrees.



6.14 Clean the product regularly. Do not use abrasive cleaners. Carry out maintenance checks on a regular basis to ensure your product is in good working condition.



6.15 The product is designed for indoor use and when not in use should be stored in a dry place that is not subjected to extremes of temperature.



6.16 The safe operating temperature range of the product is +5 to +40 deg Celsius.

How to unpack and assemble

7

Check Parts

Congratulations on purchasing your Leckey Pronestander. When you receive your Pronestander it will be boxed and packed flat. The tray will be in a separate parcel. The pronestander will come as standard with chest plate including flexible laterals, knee plate, pelvic plate including belt, hinged foot plate, sandals and activity tray including bowl.



Safety first

Keep polythene bags away from children



Ensure angle adjuster bar is secure before placing the user in the pronestander.

Assembling the Pronestander

To assemble the Pronestander, two people should firstly lift the Pronestander out of its box or alternatively remove the packaging and wheel the Pronestander out on its castors. The castors should then be locked into position, facing out of the frame at 45 degrees.

7.1 Setting the Angle

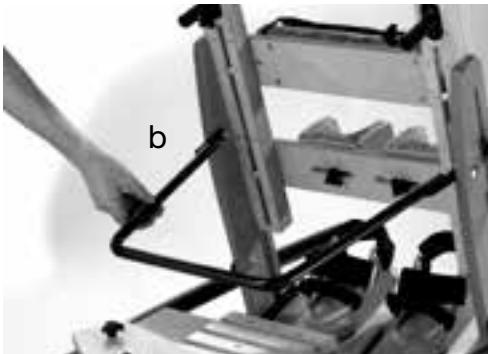
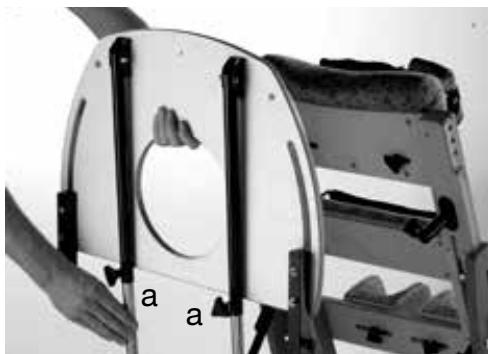
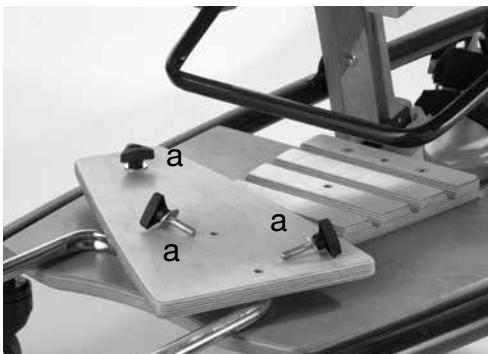
In order to fix the Pronestander at the desired angle, you should firstly hold the chest plate and gently swing the main frame of the stander upright. Then loosen the three bolts (a) as shown and the angle adjuster bar (b) can then be positioned to the desired angle. The plate should then be placed back into position and the three bolts (a) re-attached and tightened securely.



Never attempt to adjust the angle of the pronestander when the frame is in use.

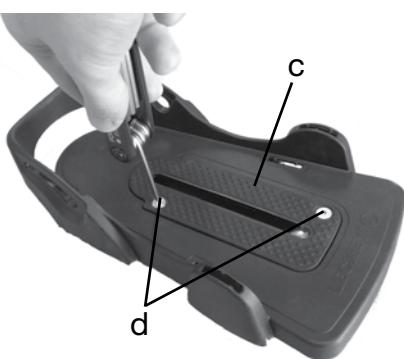
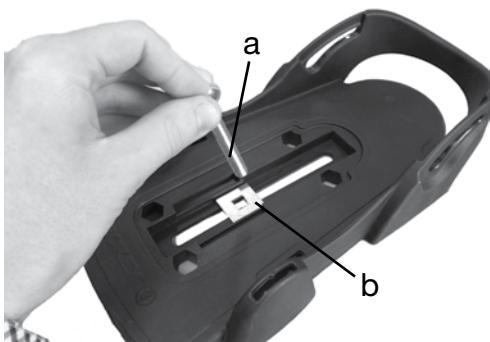
7.2 Attaching the Tray

The Pronestander tray is attached by sliding the outer poles already attached to the tray over the inner poles already attached to the frame and then tightening the bolts (a). The tray is then secured with a tray pin into one of the slots (b) on the side of the frame.

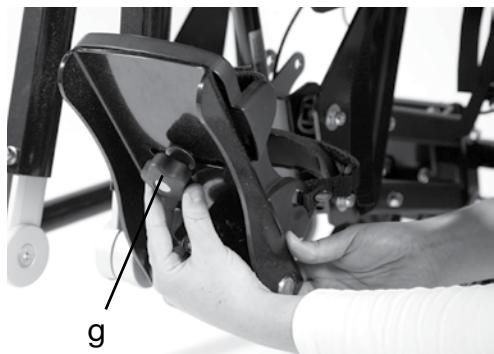
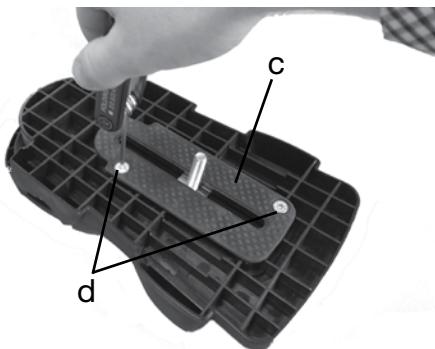
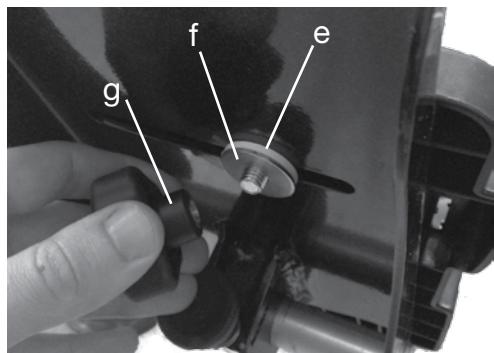


7.3 Attaching the Sandals

Insert the required attachment bolt (a) along with the retention plate (b). Place a rubber lid (c) on, both, the top and bottom of the sandal. Fasten using the four screws (d) provided. To remove or replace the attachment bolt, reverse this process.

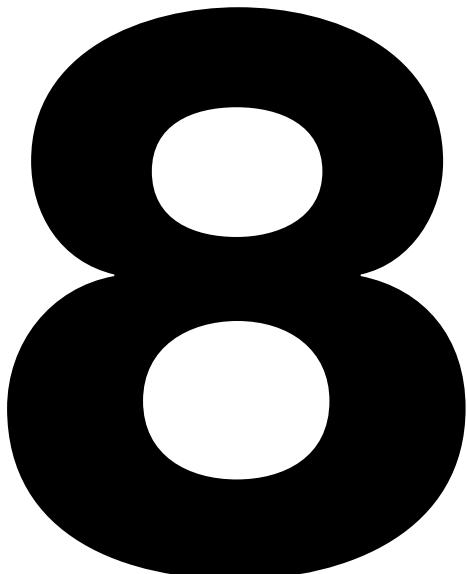


Place the sandal so that the attachment bolt goes through the slot in the footplate. To secure, on the underside of the footplate place the rubber washer (e), followed by the metal washer (f) and then the knob (g) onto the attachment bolt. To position the sandals simply loosen the knob (g) under the footplate, select the position you require and re-fasten the knob.



Clinical setup for postural management

The clinical setup of the product should be completed by a technically and clinically competent person who has been trained in the use of the product. Leckey recommend a written record is maintained of all clinical setups for this product.



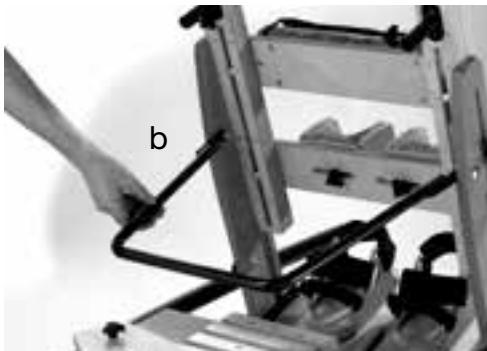
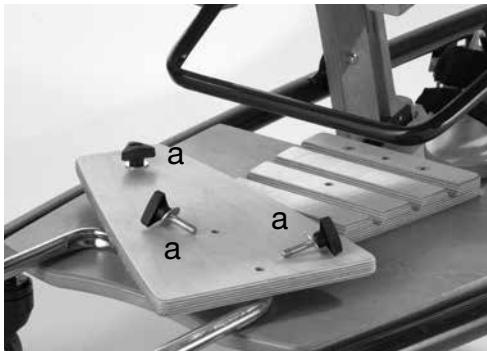
8.1 Setting the Angle

There is a choice of five different angle positions on the Pronestander. Depending on the user's tolerance to standing, you can choose to position them anywhere from a very prone angle to almost upright.

Once you have selected the desired angle, you can set up the rest of the pronestander to suit the user.



Ensure angle adjuster bar is secure before placing user in the pronestander.



8.2 Adjusting the Height of the Chest Plate

You should firstly measure the distance from the user's feet to just under their arms. This is best done were practical in a lying down position on a mat. The height between the top of the chest plate and sandals should be set to the equivalent of this distance. The height of the chest plate can then be altered by loosening the knobs on the side of the frame. Once loosened, this will allow the whole inner section (including chest plate, pelvic plate and knee plate) to move up and down. Once the required height is obtained, the knobs should be re-tightened securely.



Never attempt to adjust the height of the main frame when the stander is in use.



Check adjustment knobs on the chest plate are secure before placing the user in the Pronestander.



8.3 Adjusting the Pelvic Plate

The height of the pelvic plate is set to the equivalent distance between the top of the user's pelvis and their feet. The pelvic plate is adjusted by loosening the bolt, on each side of the plate and sliding the padded plate into the required position. Once the required position is obtained, the bolts, (a) should be re-tightened securely.



8.4 Adjusting the knee Plate

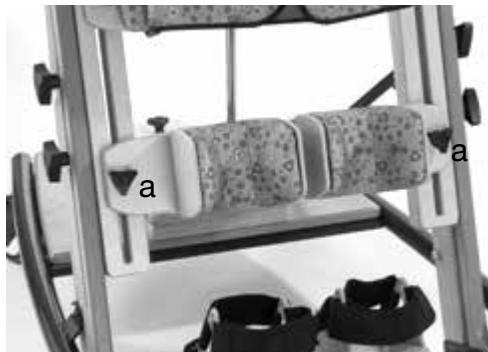
The height of the knee plate is adjusted by loosening the bolts (a) on each side of the knee plate, sliding the knee plate into the required position and then re-tightening the bolts (a) securely.



Minor adjustments to the knee and pelvic plate may be made during use.



Always use caution to ensure fingers do not become trapped when adjusting the knee plate.



8.5 Adjusting the knee cups

The knee cups can be moved from left to right and each knee cup is fixed by a single bolt at the back of the knee plate. To adjust the knee cup loosen the bolt, position the knee cup as required, then re-tighten the bolt (a) securely.



Always use caution to ensure fingers do not become trapped when adjusting the knee cups.



8.6 Attaching the Pelvic Band

The pelvic band should be attached to the user first, again if practical on a mat. The pelvic straps are attached around the user's pelvis and the longer straps are slipped through the D-Rings on the pelvic plate and secured firmly behind the user with Velcro on the belt. To ensure that you can easily identify the strap that goes around the user and the one that attaches to the frame, a Leckey label is sewn on to the one that goes around the frame.



Always secure the pelvic band and safety strap first then the chest strap and the users feet.



Frequent adjustments for daily use

Parents and carers should be shown how to make frequent adjustments and made aware of the safety checks in section 6 by a technically and clinically competent person who has been trained in the use of the product. Leckey recommend that a written record is maintained of all parent and carers who have been trained in the use of this product.



9.1 Transferring the user into and out of the stander

Before transferring the child into the stander carry out the daily product inspection as outlined in section 11 of this user manual.

Before transferring the child into the product lock all the castors, ensuring that they are facing outwards to maximise product stability. Make sure the straps on the chest, hip support harnesses and sandals are released and out of the way to facilitate transfer.



Always secure the pelvic band and safety strap first then the chest strap and the users feet.

9.2 Adjusting the Sandals and Footplates

The Pronestander footplate is split and hinged at the back of the footboard. This allows the sandals to be adjusted more easily and can facilitate transfer from a seating position, to a wheelchair for example. To position the sandals simply loosen the knob under the footplate (photo1), select the position you require and re-fasten the knob. To position the user's feet in the sandals secure the Velcro straps provided so the foot is held in place. The straps should be placed over the bridge of the foot and over the toes. The front strap can be fed through one of two slots on either side of the sandals, depending on the size of the user's feet (photo 2).



If the child is wearing sandals or light footwear check the straps to make sure the webbing does not irritate the skin.



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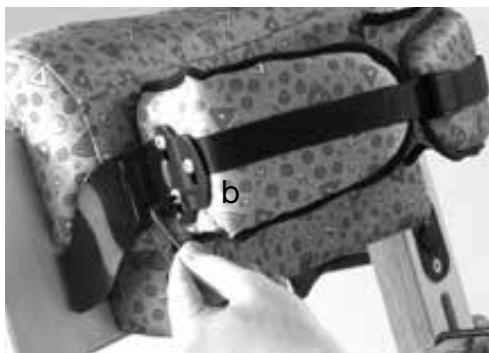


9.3 Flexible Lateral Support Adjustment

The Pronestander flexible lateral supports can be adjusted in and out by loosening the bolt on the back of the chest plate. Once this bolt has been loosened, the flexible lateral supports can be adjusted the required position and once in position the bolts should be re-tightened securely. The flexible laterals also have a small amount of height adjustment. To alter the height loosen the allen bolts (b), position the laterals as required and then re-tighten the allen bolts (b) securely. The flexible lateral supports are secured around the user by tightening the safety strap into position. Fasten the safety strap immediately.



Always use caution to ensure fingers do not become trapped when adjusting the lateral supports.



9.4 Adjusting the Tray

The tray can be height and angle adjusted by loosening the bolts (a) on the tray poles, adjusting to the required position and then re-tightening the bolts (a) securely. The position of the tray can also be altered in relation to the chest plate. One of three positions can be selected to help facilitate good hand function.



9.5 Attaching the Pelvic Band

The pelvic band should be attached to the user first, again if practical on a mat.

The pelvic straps are attached around the user's pelvis the longer straps are slipped through the D-Rings on the pelvic plate and secured firmly behind the user with Velcro on the belt. To ensure that you can easily identify the strap that goes around the user and the one that attaches to the frame, a Leckey label is sewn on to the one that goes around the frame.



Always secure the pelvic band and safety strap first then the chest strap and the users feet.



10 Cleaning & Care Information

How to Maintain

When cleaning the product we recommend that you use only warm water and a non-abrasive detergent. Never use organic solvents or dry cleaning fluids.

Upholstery and fabrics

1. The upholstery and fabrics can be cleaned by hand whilst in place. When cleaning we recommend that you use only warm water and a nonabrasive detergent.

2. Staining should be removed as quickly as possible with absorbent cloth, towels or a sponge. Routine soap and warm water sponging is effective for ordinary soiling and minor spills. Be careful not to over wet the fabric, as this will cause the staining to spread.

3. Antiseptic cleaning agents can be used on more stubborn stains. These may require a safe solvent such as Isopropyl Alcohol or Mineral Spirit. A half cup of household bleach to 5 litres of water can also be used as a useful disinfectant.

4. Always ensure the product is dry before use.

Metal and plastic and wooden components

1. Soap and water or antibacterial spray can be used for daily cleaning.
2. For deep cleaning a low pressure steam cleaner can be used.
3. Do not use solvents to clean plastic wooden or metal components.
4. Make sure the product is dry before use.
5. Check all wooden components regularly to ensure there are no cracks or splitters.

11 Daily Product Inspection

(Therapists, Parents & Carers)

We recommend that daily visual checks of the equipment are carried out by therapists, carers or parents to ensure the product is safe for use. The recommended daily checks are detailed below.

1. Ensure all adjustment knobs and bolts are in place and secure.
2. Check all upholstery for signs of wear and tear.
3. Check all castors are moving freely and lock securely.
4. Check all Velcro strips and brush fluff to ensure straps secure firmly.
5. Check adjustment knobs on the chest plate are secure before placing the user in the product.
6. Ensure angle adjuster bar is secure before placing the user in the product.



If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer services department or your local dealer as soon as possible.

12 Annual Product Inspection

(Therapist, Technician, Leckey Product Advisor, Dealer)

Leckey recommend that each product should be subject to a detailed inspection at least once a year and every time the product is reissued for use. This inspection should be carried out by a technically competent person who has been trained in the use of the product and should include the following checks as a minimum requirement.

1. Check all knobs, nuts, bolts and plastic buckles are in place, replacing any missing items. Paying particular attention to the following items;

- **Chest and hip height and angle adjustments**
- **Knee cups adjustment knobs**

2. Lift the base to check each castor individually. Make sure they are moving freely and remove any dirt from the rubber wheels. Check that the brakes lock the wheels securely.

3. Visually check the structure of the product paying attention to weld points on the frame ensuring there are no signs of fatigue or cracking around the welds.

4. Leckey recommend that a written record is maintained of all annual product inspections.



If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer services department or your local dealer as soon as possible.

13 Re-issuing Leckey Products

Most Leckey products are assessed and ordered to meet the needs of an individual user. Before reissuing a product we recommend that the therapist prescribing the product has carried out an equipment compatibility check for the new user and has ensured that the product being re-issued contains no modifications or special attachments.

A detailed technical inspection should be carried on the product prior to re-issuing. This should be carried out by a technically competent person who has been trained in the use and inspection of the product. Please refer to section 12 for the required checks to be carried out.

Ensure the product has been cleaned thoroughly in accordance with section 11 of this manual.

Ensure a copy of the user manual is supplied with the product. A copy can be downloaded from our website www.leckey.com.

Leckey recommend that a written record is maintained of all product inspections carried out during the reissue of the product.



If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer service department or your local dealer as soon as possible.

14 Product Servicing

Servicing of all Leckey products should only be carried out by technically competent persons who have been trained in the use of the product.

In the UK & ROI please contact the Leckey Service Centre on UK 0800 318265 or ROI 1800 626020 and our customer service department will be delighted to assist you with your servicing requirements.

All international service enquiries should be directed to the appropriate Leckey distributor who will be delighted to assist you. For further information on Leckey distributors please visit our website www.leckey.com.

15 Technical Information

Product Codes

LPS/#/ Pronestander

ACCESSORY CODES

LPS/#/G Grab/suspension Rail
LPS/#/H Grab Posts

Please select a size

The Freestander comes in 2 fabrics. Size 1 comes as standard in Meadow fabric and size 2 and 3 in Mondeo blue fabric.

Head Support Options are available with this product please contact the Leckey Service Centre or local dealer for further information.

15 Technical Data

Product sizing

Size	1		2		3	
Age	1 - 5		4 - 9 1/2		9 - 17	
Codes	LPS/1		LPS/2		LPS/3	
	mm	inches	mm	inches	mm	inches
Chest Plate Height min max	470 680	18.5 27	680 975	27 38	975 1350	38 53
Base length width	820 600	32 24	1070 650	42 26	1270 700	50 28
Activity Tray depth width	400 525	16 21	450 575	18 23	500 625	20 25
User Weight max	30kg	66lbs	60kg	132lbs	100kg	220lbs
Prone Angles from vertical	0° 10° 20° 30° 40°					



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24 hour postural
care for babies,
kids & adults.
Sleeping, Sitting,
Standing, Walking,
Moving, Bathing,
Toileting.



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